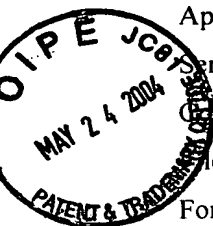


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kunihiro Tashiro  
Serial No.: 10/714,816  
Conf. No.: 2176  
Filed: 11/17/2003  
For: LIQUID CRYSTAL DISPLAY DEVICE  
Art Unit: Not assigned  
Examiner: Not assigned

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

Date

Registration No. 29,367  
Attorney for Applicant(s)INFORMATION DISCLOSURE STATEMENT

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,


GREER, BURNS &amp; CRAIN, LTD.

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By: 

Patrick G. Burns, Reg. No. 29,367

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office		Attorney Docket No.: 1117.68737		Serial No.: 10/714,816	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant: Tashiro et al.			
		Filing Date: 11/17/2003		Group:	



U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
						Yes	No	
	WO98/52093	Nov. 19, 1998	WIPO			Abs.		
	1,462,987	Jan. 26, 1977	United Kingdom			X		
	6-175126	Jun. 24, 1994	Japan			Abs.		
	6-11711	Jan. 21, 1994	Japan			Abs.		
	11-311784	Nov. 9, 1999	Japan			Abs.		
	60-256121	Dec. 17, 1985	Japan			Abs.		
	62-210423	Sep. 16, 1987	Japan			Abs.		
	10-153802	Jun. 9, 1998	Japan			Abs.		
	2001-004999	Jan. 12, 2001	Japan			Abs.		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	The Journal of the Institute of Television Engineers of Japan; Vol. 50, No. 8, pp. 1091-1095; July 20, 1996

Examiner	Date Considered
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\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office  INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No.: 1117.68737	Serial No.: 10/714,816
	Applicant: Tashiro et al.	
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## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	2000-035570	Feb. 2, 2000	Japan			Abs.	
	2000-171788	Jun. 23, 2000	Japan			Abs.	
	2001-154190	Jun. 8, 2001	Japan			Abs.	
	6-337421	Dec. 6, 1994	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner	Date Considered
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\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.